



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant: Eniz M. Franca-Neto

Title: COMMUNICATIONS APPARATUS, SYSTEMS, AND METHODS

Docket No.: 884.B70US1

Serial No.: 10/814,114

Filed: March 30, 2004

Due Date: N/A

Examiner: Unknown

Group Art Unit: 2681

**MS Amendment**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

☒ Return postcard.

☒ Information Disclosure Statement (2 pgs.), Form 1449 (1 pg.), and copies of 7 cited documents, including the International Search Report for corresponding PCT Application No. PCT/US2005/010386 (4 pgs.).

If not provided in a separate paper filed herewith, Please consider this a **PETITION FOR EXTENSION OF TIME** for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

Customer Number 21186

By: Ann M. McCrackin

Atty: Ann M. McCrackin

Reg. No. 42,858

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 23<sup>rd</sup> day of August, 2005.

JAMES KANYUSIK  
Name

James Kanyusik  
Signature

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

(GENERAL)

S/N 10/814,114



PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant:	Luiz M. Franca-Neto	Examiner:	Unknown
Serial No.:	10/814,114	Group Art Unit:	2681
Filed:	March 30, 2004	Docket:	884.B70US1
Title:	COMMUNICATIONS APPARATUS, SYSTEMS, AND METHODS		
Assignee:	Intel Corporation	Customer Number:	21186

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**INFORMATION DISCLOSURE STATEMENT**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicant respectfully requests that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicant requests that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicant with the next official communication.

The documents, listed on the attached 1449, were discovered as a result of a Search Report in Applicant's corresponding foreign patent application. Enclosed for the Examiner's information is a copy of these cited documents and the Search Report.

Pursuant to 37 C.F.R. § 1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Information Disclosure Statement considered.

## INFORMATION DISCLOSURE STATEMENT

Customer No.: 21186

Serial No.: 10/814,114

Filing Date: March 30, 2004

Title: COMMUNICATIONS APPARATUS, SYSTEMS, AND METHODS

Assignee: Intel Corporation

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Dkt: 884.B70US1 (INTEL)

Pursuant to 37 C.F.R. 1.98(a)(2), Applicant believes that copies of cited U.S. Patents and Published Applications are no longer required to be provided to the Office. Notification of this change was provided in the United States Patent and Trademark Office OG Notices dated October 12, 2004. Thus, Applicant has not included copies of any US Patents or Published Applications cited with this submission. Should the Office require copies to be provided, Applicant respectfully requests that notice of such requirement be directed to Applicant's below-signed representative. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

The Examiner is invited to contact the Applicant's Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

LUIZ M. FRANCA-NETO

By his Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
Attorneys for Intel Corporation  
P.O. Box 2938  
Minneapolis, MN 55402  
(612) 349-9592

Date Aug. 23, 2005

By Ann M. McCrackin  
Ann M. McCrackin  
Reg. No. 42,858

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 23rd day of August, 2005.

JAMES KANYSIK  
Name

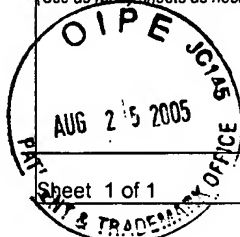
[Signature]  
Signature

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Sheet 1 of 1

Complete if Known

Application Number	10/814,114
Filing Date	March 30, 2004
First Named Inventor	Franca-Neto, Luiz
Group Art Unit	2681
Examiner Name	Unknown

Attorney Docket No: 884.B70US1

**US PATENT DOCUMENTS**

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
	US-2004/0032354 A1	02/19/2004	Knobel, Y., et al.	06/25/2003
	US-2004/0178855 A1	09/16/2004	Gharpurey, R., et al.	07/25/2003
	US-2004/0198260 A1	10/07/2004	Molisch, A., et al.	02/11/2003

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T <sup>2</sup>
	EP-0520666A1	12/30/1992	Tang, R., et al.	
	EP-1398882A2	03/17/2004	Dabak, A. G., et al.	
	WO-01/05057A1	01/18/2001	Hedberg, B., et al.	
	WO-03/071728A2	08/28/2003	Walker, M. L., et al.	
	WO-2004/017547A2	02/26/2004	Shor, G., et al.	

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		"International Search Report for corresponding PCT Application No. PCT/US2005/010386", (Attorney Docket No. 884.B70WO1),	
		WOHLBIER, J. G., et al., "Localized Growth Rates of Intermodulation Products in a Multitone Traveling Wave Tube Amplifier", <u>IEEE International Conference on Plasma Science</u> , (June 20, 1999), Page 135	

**EXAMINER****DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional) <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached